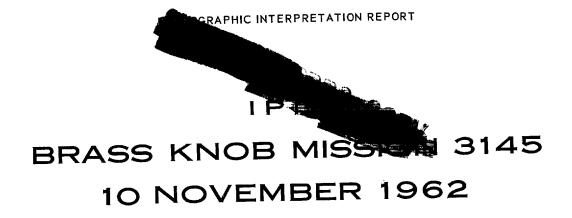
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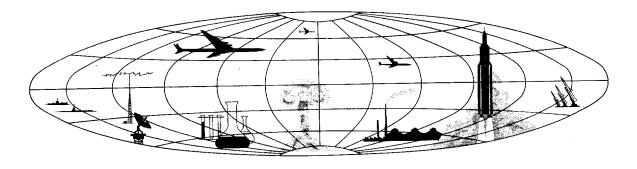






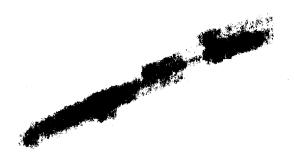


NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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GROUP 1
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#### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3145, DATED 10 NOVEMBER 1962. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

-MISSILES-RBM SITE 1 225

GUANAJAY IRBM SITE 1 2257N Ø8239W

25X1D

NO APPARENT CHANGES IN LAUNCH FACILITIES SINCE

25X1D

GUANAJAY IRBM SITE 2 2257N Ø8236W

25X1D

VEHICLES -- APPROXIMATELY 70 VEHICLES 5 OF WHICH ARE PULLING LONG TRAILERS, AND 7 POSSIBLE CRATES OBSERVED BETWEEN SITES 1 AND 2.
NO APPARENT CHANGE IN LAUNCH FACILITIES SINCE

25X1D

SAN CRISTOBAL MRBM SITE 1 2240N 08317W

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE VEHICLES -- 5-VEHICLE CONVOY ON THE ROAD, APPROXIMATELY 35 VEHICLES AND 7 POSSIBLE FUEL TRAILERS IN THE AREA.

25X1D

SAN CRISTOBAL MRBM SITE 2 2241N Ø8315W

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE 10 TO 15 POSSIBLE VEHICLES OBSERVED IN AREA.

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25X1A

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25X1D 25X1A SAN CRISTOBAL MRBM SITE 3 2242N Ø83Ø8W VEHICLES -- APPROXIMATELY 30. 25X1D NO CHANGE IN ARCHED-ROOF BUILDING. APPROXIMATELY 10 LARGE TENTS AND 6 GENERAL PURPOSE TENTS. BOTH AAA SITES ABANDONED. NO OTHER APPARENT CHANGE SINCE 25X1D SAN CRISTOBAL MRBM SITE 4 2246N Ø8258W VEHICLES -- TWO CONVOYS, ONE WITH 9 TRUCKS (4 OF WHICH ARE TOWING TRAILERS) AND THE OTHER WITH 6 TRUCKS (2 OF WHICH ARE TOWING TRAILERS). APPROXIMATELY 45 OTHER VEHICLES, ONE CHERRY PICKER, AND 3 PROBABLE FUEL 25X1D TRAILERS. 10 SQUAD TENTS, AND 9 GENERAL PURPOSE TENTS. NO OTHER APPARENT CHANGE SINCE 25X1D 25X1A CAMPO FLORIDA POSSIBLE CRUISE-MISSILE SITE 23Ø6N Ø8211W CANVAS-COVERED OBJECT AT WEST END OF AREA. UNDETERMINED NUMBER OF VEHICLES AT EAST AND WEST ENDS OF AREA. OBLIQUITY PRECLUDES FURTHER INTERPRETATION. 25X1D SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE 2309N 08156W NO APPARENT CHANGE SINCE 25X1D 25X1D SIGUANEA CRUISE-MISSILE SITE 2137N Ø8258W 25X1D NO APPARENT CHANGE IN FACILITIES SINCE 25X1D

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25X1A DELEITE ALTERNATE SAM SITE 2301N 08044W INCOMPLETE COVERAGE. NO SIGNS OF ACTIVITY NOTED IN THAT PORTION OF SITE OBSERVED. 25X1D HAVANA SAM SITE 23Ø9N Ø8213W 25X1D NO APPARENT CHANGE SINCE 25X1D MARIEL SAM SITE 2300N 08249W SITE CONTAINS 4 REVETTED CANVAS-COVERED LAUNCHERS, ONE UNREVETTED POSSIBLE CANVAS-COVERED LAUNCHER AND ONE REVETTED PROBABLE CANVAS-COVERED LAUNCHER. SIX CANVAS-COVERED MISSILE TRANSPORTERS AND ONE CANVAS-COVERED MISSILE TRAILER AT SITE. RADAR AND 4 VANS VISIBLE IN GUIDANCE AREA. ONE LOWBOY 25X1D TRAILER AT SITE. 25X1A MATANZAS SAM SITE 23Ø1N Ø8129W 25X1D THE SITE IS OPERATIONAL. NO APPARENT CHANGE IN EQUIPMENT SINCE 25X1D 25X1D SAN JULIAN AIRFIELD SAM SITE 2205N Ø8409W NO APPARENT CHANGE SINCE 25X1D

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25X1A

SANTA LUCIA ALTERNATE SAM SITE 2243N Ø8349W

25X1D

NO EQUIPMENT APPARENT. NO APPARENT CHANGE SINCE

25X1D

LOMA DE TIERRA POSS SAM ASSEMBLY AREA 23Ø1N Ø8213W

UNDETERMINED NUMBER OF VEHICLES IN AREA. OBLIQUITY PRECLUDES DETAILED INTERPRETATION.

25X1D

SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA 2257N Ø8221W

EQUIPMENT INCLUDES 22 MISSILE TRANSPORTERS, 5 LARGE TENTS, 8 POSSIBLE CANISTERS, AND NUMEROUS VEHICLES.

25X1D

BELLAMAR, SUSPECT SSM ACTIVITY 2302N 08133W

NO MISSILE-RELATED ACTIVITY NOTED.

25X1D

25X1D

MATANZAS CITY, LA CUMBRE ALTA 2304N 08133W

NO MISSILE-RELATED OR OTHER ACTIVITY NOTED.

SANTO TOMAS AREA, SUSPECT SSM ACTIVITY 2233N Ø8351W

NO MISSILE OR MISSILE-ASSOCIATED ACTIVITY OBSERVED

IN AREA. 25X1D

25X1A

25X1D

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25X1A

GUANAJAY TO HAVANA HIGHWAY 2255N Ø8241W

NO MILITARY ACTIVITY NOTED.

25X1D

PINAR DEL RIO TO MARIEL HIGHWAY 2224N Ø8341W

NO MILITARY EQUIPMENT OR INSTALLATIONS OBSERVED DUE TO HEAVY CLOUDS.

25X1D

SAGUA LA GRANDE TO MATANZAS HIGHWAY 2243N Ø8ØØ4W

NO MISSILE-ASSOCIATED EQUIPMENT OR MILITARY CONVOYS NOTED.

SAN JULIAN AIRFIELD TO LA COLOMA HIGHWAY 2205N 08409W

25X1D

HAZE, CLOUDS, AND OBLIQUITY PRECLUDE DETAILED INTERPRETATION.

SANTA CLARA TO HAVANA HIGHWAY 2224N Ø7958W

NO MILITARY ACTIVITY OBSERVED FROM HAVANA TO LA CATALINA (OBLIQUITY PRECLUDES INTERPRETATION EAST OF THIS POINT). NO MISSILE-ASSOCIATED ACTIVITY OBSERVED EAST OF CEIBA MOCHA TO MATANZAS.

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-AIRFIELDS-

25X1A

CAMPO LIBERTAD AIRFIELD 2306N 08226W

AIRCRAFT — TOTAL OF 53 INCLUDING 12 DERELICTS, ONE PBY, 7 COLT, ONE POSSIBLE COLT, 30 UNIDENTIFIED SINGLE-ENGINE, AND 2 C-45. 10 POSSIBLE SHIPPING CRATES ON APRON.

CRATES ON APRON.

PACILITIES/EQUIPMENT OBSERVED AT 6-GUN OCCUPIED

AAA BATTERY 2.2 NM SOUTH OF AIRFIELD INCLUDES FIRE
CONTROL, 15 VEHICLES, 4 BUILDINGS.

NO APPARENT CHANGE IN FACILITIES SINCE

COLONEL MARTIN MARRERRO AIRFIELD 2150N 08247W

25X1D

AIRCRAFT -- ONE UNIDENTIFIED TWIN-ENGINE.
CONSTRUCTION CONTINUES ON RUNWAYS. 7 TENTS

25X1D SITUATED JUST NORTH OF THE AIRFIELD.

NO OTHER CHANGES IN DEFENSES OR FACILITIES SINCE

25X1D

CORONEL PASCUAL AIRFIELD 2307N 08117W

AIRCRAFT -- NONE.
25X1D NO APPARENT CHANGE IN FACILITIES SINCE

25X1D

JOSE MARTI INTERNATIONAL AIRFIELD 2300N 08224W

AIRCRAFT — TOTAL OF 28 INCLUDING 6 CRATE, 4
BRITANNIA, 3 CONSTELLATION, 4 C-46, 3 C-54, ONE
UNIDENTIFIED AIRCRAFT (TWIN-ENGINE), AND 7 DERELICTS.
OPEN STORAGE NORTH OF REPAIR AREA. RUNWAY IS
SERVICEABLE.

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25X1A

MANAGUA AIRFIELD 2258N Ø8217W

25X1D

AIRCRAFT -- NONE.

NO APPARENT CHANGE IN FACILITIES SINCE

25X1D

MARIEL NAVAL AIR STATION 2300N 08246W

25X1D

AIRCRAFT -- NONE. ONLY CENTER SECTION OF RUNWAY VISIBLE THROUGH CLOUDS. NO APPARENT CHANGE IN CONSTRUCTION AT SW END OF RUNWAY. 8 VEHICLES ADJACENT TO ONE EXCAVATION.

25X1A

PLAYA BARACOA AIRFIELD 2302N 08235W

25X1D

AIRCRAFT -- TOTAL OF 43 INCLUDING 40 HELICOPTERS (SOME IN FLIGHT), ONE C-47, ONE LIAISON, AND ONE POSSIBLE CRATE.

56 SHIPPING CRATES AND 40 VEHICLES ALSO OBSERVED.

SAN ANTONIO DE LOS BANOS AIRFIELD 2252N Ø8231W

25X1D

AIRCRAFT -- TOTAL OF 79 INCLUDING 11 B-26 (PROBABLE DERELICTS), 19 FAGOT/FRESCO (5 CAMOUFLAGED), 10 FISHBED (CANVAS-COVERED), 2 FARMER, 3 T-6, 3 COLT, 2 CREEK, 1 CRATE, 3 C-47, 4 T-33, 1 HOUND, 10 DERELICTS, 5 UNIDENTIFIED SINGLE-ENGINE AND 5 UNIDENTIFIED AIRCRAFT UNDER CAMOUFLAGE NETTING. FOUR SHIPPING CRATES OBSERVED.

TWO 6-GUN AAA BATTERIES AT SW END OF RUNWAY.

25X1A

SAN JULIAN AIRFIELD 2206N 08409W

AIRCRAFT -- 9 BEAGLE/MASCOTS (ONE AIRBORNE), 3 BEAGLE FUSELAGES, 21 FUSELAGE CRATES. INCOMPLETE COVERAGE.

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25X1D

25X1A

SIGUANEA AIRFIELD 2138N Ø8257W

AIRCRAFT -- ONE PROBABLE SEA FURY. NO APPARENT CHANGE IN FACILITIES SINCE

25X1D

25X1D

-ELECTRONICS/COMMUNICATIONS-

HAVANA AREA, COMMUNICATIONS CENTER 2300N 08226W

VEHICLES -- 16 OBSERVED. NO APPARENT CHANGE IN FACILITIES SINCE

25X1D

25X1D

25X1D

LIMONAR AREA, EW/GCI RADAR SITE 2255N Ø8126W

ONLY THE SUPPORT AREA IS VISIBLE. CLOUDS OBSCURE THE RADAR SITE.

25X1D

25X1D

-MILITARY ACTIVITY-

ARTEMISA AREA, MILITARY CAMP 2251N Ø8248W

25X1D

NO SIGNIFICANT CHANGE IN FACILITIES INCLUDING TENT OCCUPANCY OF 6-GUN AND 9-GUN CAMP SINCE AAA BATTERIES UNDETERMINED. APPROXIMATELY 110

VEHICLES OBSERVED.

25X1A

BEJUCAL MUNITIONS STORAGE SITES 2256N Ø8223W

25X1D NO APPARENT CHANGE SINCE

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25X1A

CABANAS AREA, MILITARY INSTALLATION 2256N Ø8252W

25X1D

NO APPARENT CHANGE SINCE

25X1D

HAVANA, AAA DEFENSES 23Ø5N Ø8216W

6-GUN AAA OCCUPIED BATTERIES AT 23-02-25N/082-20-15W, 23-04-15N/082-20-00W, AND 23-04-15N/082-22-10W.

25X1D

25X1A

HAVANA, AMMUNITION STORAGE AREA U/C 23Ø1N Ø8226W

ONE VEHICLE OBSERVED ENTERING DOUBLE-FENCED AREA. 5 BUNKERS COMPLETED AND 2 UNDER CONSTRUCTION. 6-GUN OCCUPIED AAA BATTERY .5 NM NE OF AREA.

25X1D

25X1A

LA FLORA AREA, MILITARY STORAGE 2252N Ø8233W

NO APPARENT CHANGE SINCE

25X1D

25X1D

LIMONAR AREA, MILITARY INSTALLATION 2255N Ø8124W

ONE NM SOUTH OF LIMONAR AT OLD FIRING RANGE. FACILITIES INCLUDE ONE MULTIWING BUILDING, 7 OTHER BUILDINGS, 23 LARGE TENTS, 22 MEDIUM TENTS, 30 SMALL TENTS, AND PARKING AREAS. INSTALLATION SERVED BY NEW ACCESS ROAD WITH ROAD BLOCK. APPROXIMATELY 5Ø VEHICLES.

PARKING AREA IN WOODS 3,000 FT TO WEST. HARD-SURFACED DISPERSED PARKING FACILITIES CONSIST OF 6 APRONS AND 13 HARDSTANDS. APPROXIMATELY 20 VEHICLES.

NPIC/R-1078/62 25X1A MANAGUA MUNITIONS STORAGE SITE 2258N Ø8218W 25X1D NO APPARENT CHANGE SINCE 25X1D MARIEL, MILITARY HEADQUARTERS AREA 2301N 08250W VEHICLES -- APPROXIMATELY 130 OF VARIOUS SIZES AND TYPES. 25X1D VESSELS -- NONE OBSERVED. 8 TENTS AND 27 PROBABLE CRATES OBSERVED IN AREA. NO APPARENT CHANGE IN FACILITIES SINCE 25X1D 25X1A MINAS AMMUNITION STORAGE AREA 2307N 08212W 25X1D NO APPARENT CHANGE SINCE 25X1D PLAYA BIBIJAGUA, MILITARY ACTIVITY 2153N Ø8243W NO MILITARY INSTALLATION OBSERVED WITHIN THE AREA. A TRENCH SYSTEM AND 4 UNOCCUPIED WEAPONS POSITIONS OBSERVED AT PLAYA BIBIJAGUA. A PROBABLE MOTEL AND 12 OTHER BUILDINGS WHICH DO NOT APPEAR TO BE MILITARY IN NATURE WERE OBSERVED AT THIS LOCATION. 25X1D 25X1A SAN FRANCISCO DE PAULA MUNITIONS STORAGE 2303N 08218W NO APPARENT CHANGE SINCE 25X1D 25X1D SAN JOSE DE LAS LAJAS AREA, MILITARY CAMP 2255N Ø821ØW NO APPARENT CHANGE SINCE 25X1D 25X1D

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25X1A

SANTIAGO DE LAS VEGAS AREA, TANK PARK 2258N Ø822ØW

3 LARGE AND 3 SMALL TENTS IN NE CORNER OF PARK. NUMEROUS VEHICLES OBSERVED IN AREA. POOR PHOTOGRAPHIC IMAGE PRECLUDES FURTHER INTERPRETATION.

25X1D

25X1A

TORRENS MILITARY CONCENTRATION 2259N Ø8228W

TORRENS REFORMATORY — 27 LARGE TENTS, 11 SMALL TENTS, AND APPROXIMATELY 40 VEHICLES.
500 YDS SOUTH OF REFORMATORY — 10 BARRACKS—TYPE BUILDINGS, 7 LARGE TENTS, 11 SMALL TENTS, AND 115 VEHICLES.
1,000 YDS SSW OF REFORMATORY — 5 LARGE TENTS, 11 SMALL TENTS, AND APPROXIMATELY 50 VEHICLES.

SMALL TENTS, AND APPROXIMATELY 50 VEHICLES.

1,500 YDS SSW -- APPROXIMATELY 30 VEHICLES.

1,500 YDS SE -- APPROXIMATELY 115 VEHICLES.

2,500 YDS SSE -- 6-GUN AAA (OCCUPIED) POSITION, 4

LARGE TENTS, AND 23 VEHICLES.

3,500 YDS SOUTH --- 3 BARRACKS-TYPE BUILDINGS, 10

LARGE TENTS, 3 MEDIUM TENTS, 13 SMALL TENTS, AND

25X1D

-PORTS-

AT LEAST 50 VEHICLES.

25X1A

CABANAS PORT 2259N Ø8256W

VESSELS -- SEVERAL BARGES AND SMALL CRAFT OBSERVED.
NO LARGE VESSELS NOTED. PARTIAL CLOUD COVER OVER PORT AREA.

25X1D

25X1A

CARDENAS PORT 2302N 08112W

VESSELS -- NONE.
NO APPARENT CHANGE IN FACILITIES SINCE

25X1D

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25X1A

HAVANA PORT 2308N 08221W

VESSELS — TOTAL OF 57 INCLUDING 25 FREIGHTERS AT PIERS (ONE WITH DECK CARGO), 9 FREIGHTERS AT ANCHOR (ONE WITH DECK CARGO), ONE TANKER, 10 COASTAL FREIGHTERS, 2 PF, 2 PT, 2 POSSIBLE PT, 4 PC, AND 2 UNIDENTIFIED IN DRYDOCK, LARGE VEHICLE CONCENTRATION STILL LOCATED AT SOUTH END OF HARBOR.

APPROXIMATELY 5 STORAGE BUNKERS UNDER CONSTRUCTION AT 23-03-25N/082-20-20W.

25X1D LARGE BUILDING WITH NUMEROUS VEHICLES OR CRATES IN AREA AT 23-06-05N/082-17-25W.

25X1A

MARIEL NAVAL PORT 2301N 08245W

25X1A

VESSELS — ONE PROBABLE PT, ONE PF, AND SEVERAL SMALL CRAFT OBSERVED. NUMEROUS CRATES, VEHICLES (INCLUDING 4 PROBABLE IRBM FUEL TRAILERS) AND OPEN STORAGE OBSERVED THROUGH HAZE AT MARIEL CITY PIER. ONE PT AND THE PF AT NAVAL AIR STATION. 17 MISSILE ERECTORS AND SEVERAL VEHICLES AT LA

25X1D

BOCA PIER. CLOUD COVER OBSCURES PORTIONS OF PORT.

25X1A

MATANZAS PORT 2303N 08134W

VESSELS -- ONE EX-US PCE, 3 PROBABLE PT BOATS,
2 FREIGHTERS (ONE WITH DECK CARGO).
20 TRUCKS, 2 CRANES IN PORT AREA.

25X1D

25X1D NO APPARENT CHANGE IN PORT FACILITIES SINCE

25X1A

NUEVA GERONA NAVAL PORT 2153N Ø8248W

VESSELS -- ONE FERRYBOAT, ONE BARGE, ONE PROBABLE FERRYBOAT, NUMEROUS SMALL FISHING BOATS.

OPEN STORAGE ON EAST BANK OF RIVER. LITTLE VEHICULAR ACTIVITY. NO CHANGE IN FACILITIES SINCE

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25X1D

25X1A

PUNTA GERARDO, SECURED PORT FACILITY 2256N Ø8311W

25X1D

FACILITY IS LARGELY CLOUD COVERED. CONSTRUCTION CONTINUES ON THE 3 BUILDINGS/SHEDS. FOURTEEN VEHICLES ARE OBSERVED ON THE ROAD JUST OUTSIDE THE FENCED AREA HEADING IN THE DIRECTION OF THE PORT.

-HIGH INTEREST AREAS-

SPECIAL AREA 1 2252N Ø823ØW

NO MILITARY ACTIVITY NOTED. SEE SAN ANTONIO 25X1D DE LOS BANOS AIRFIELD.

SPECIAL AREA 2 2259N Ø8225W 25X1D

25X1D NO APPARENT CHANGE SINCE

SPECIAL AREA 3 2259N Ø8227W

25X1D NO APPARENT CHANGE SINCE

> SPECIAL AREA 4 2253N Ø8236W 25X1D

25X1D NO APPARENT CHANGE SINCE

SPECIAL AREA 5 2255N Ø8231W

6-GUN AAA SITE UNDER CONSTRUCTION, SEVERAL AW POSITIONS AND TRACK ACTIVITY AT 22-55-15N Ø82-30-45W.

25X1D

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25X1D 25X1A SPECIAL AREA 6 2258N Ø8227W 25X1D NO APPARENT CHANGE SINCE 25X1D SPECIAL AREA 7 2309N 08219W 25X1D NO APPARENT CHANGE SINCE 25X1D SPECIAL AREA 8 2302N 08235W NO MILITARY ACTIVITY NOTED. SEE PLAYA BARACOA AIRFIELD. 25X1D SPECIAL AREA 16 2301N 08247W PARTIAL COVERAGE REVEALS A FENCED AREA AT PUNTA CAYUELO CONTAINING SEVERAL STORAGE BUILDINGS AND 2 BUILDINGS UNDER CONSTRUCTION. 12 VEHICLES PARKED WITHIN THE AREA. OPEN STORAGE OUTSIDE THE FENCED 10 CRATES OR STORAGE TANKS ALIGNED IN AN 25X1D **EXCAVATION**。 25X1A SPECIAL AREA 17 2259N Ø8244W NO UNUSUAL ACTIVITY NOTED. 25X1D

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SPECIAL AREA 18 2251N Ø8233W

6-GUN AAA BATTERY UNDER CONSTRUCTION AT 22-51-30N, 082-33-45W. NO OTHER MILITARY ACTIVITY NOTED.

TARARA AREA, LANDING BEACH 2310N 08212W 25X1D

-LANDING BEACHES-

25X1D NO APPARENT CHANGE SINCE

-- MISCELLANEOUS-

25X1D

25X1A

MENDOZA O ISABEL RUBIO, TRANSSHIPMENT POINT 2209N 08405W

ABOUT 12 RAIL FREIGHT CARS AND BOXCARS ARE ON THE TRACKS. NO VEHICLES APPARENT NEAR RAILROAD.

25X1D

25X1D

NO CAVES WERE OBSERVED.

THERE ARE NO OTHER SIGNIFICANT ITEMS TO REPORT.

